Abstract

The method is used for refining a paper fiber suspension (S). This is refined chiefly by compressive forces between two refining surfaces (1, 2) that lie on refiner tools pressed against one another, since the refiner tools in the refining zone do not move or move very little relative to one another. The refining surfaces (1, 2) are embodied to be porous so that they can temporarily absorb or discharge part of the water (W) of the paper fiber suspension (S). An arrangement with central refiner cylinder (3) and refiner rolls (4) arranged on the periphery is particularly suitable as a device for carrying out the method. The refining surfaces can be embodied cylindrically or they can be provided with a toothing.